AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. - 10. (cancelled)

11. (Previously amended) A mutant lipase protein of *Candida antarctica* lipase B represented by SEQ.ID. No 14, wherein the #219 leucine is replaced by a hydrophilic amino acid selected from a group consisting of glutamine, histidine, arginine, lysine, serine, threonine, aspartic acid and glutamic acid.

12. (Original) The mutant lipase protein as set forth in claim 11, wherein the #219 leucine is replaced by glutamine, and its amino acid sequence is represented by SEQ. ID. No 11.

13. (Canceled)

14. (Previously amended) A mutant lipase protein of *Candida antarctica* lipase B represented by SEQ.ID. No 14, wherein the #278 leucine is replaced by proline, and its amino acid sequence is represented by SEQ. ID. No 9.

15. (Previously amended) A mutant lipase protein of *Candida antarctica* lipase B represented by SEQ.ID. No 14, wherein the #219 leucine is replaced by glutamine, and the #278 leucine is replaced by proline, and its amino acid sequence is represented by SEQ. ID. No 10.

16. (Previously amended) A polynucleotide encoding the mutant lipase protein of claim 11.

17. (Previously amended) The polynucleotide as set forth in claim 16, wherein the nucleotide sequence is represented by SEQ. ID. No 8.

18. (Previously amended) A polynucleotide encoding the mutant lipase protein of claim 14.

19. (Previously amended) A polynucleotide, comprising a base sequence represented by SEQ. ID. No 7 coding the mutant lipase protein of claim 15.

20. (Previously amended) An expression vector comprising the polynucleotide of claim 16.

21. (Previously amended) The expression vector as set forth in claim 20, wherein the vector comprises a promoter gene, a secretion signal sequence gene, a polynucleotide of SEQ. ID. No. 8, a terminator gene and/or a surface display-mediating gene.

22. (Previously amended) An expression vector comprising the polynucleotide of claim 18.

23. (Previously amended) An expression vector comprising the polynucleotide of claim 19.

24. - 26. (Canceled)

27. (Original) A transformant in which the expression vector of claim 20 is introduced.

28. (Previously amended) A transformant in which the expression vector of claim 22 is introduced.

29. (Previously amended) A transformant in which the expression vector of claim 23 is introduced.

30. (Currently amended) A method for producing the mutant lipase protein of claim 11, comprising ~~cultivation of the transformant of claim 27~~ cultivating the transformant in which an expression vector comprising a polynucleotide encoding a mutant lipase protein is introduced, said mutant lipase protein being represented by SEQ ID. No. 14 where the #219 leucine is replaced by a hydrophilic amino acid selected from a group consisting of glutamine, histidine, arginine, lysine, serine, threonine, aspartic acid and glutamic acid.

31. (Currently amended) A method for producing the mutant lipase protein of claim 14, comprising cultivating the transformant ~~of claim 28~~ in which an expression vector comprising a polynucleotide encoding a mutant lipase protein represented by SEQ ID. No. 9 is introduced.

32. (Currently amended) A method for producing the mutant lipase protein of claim 15 comprising cultivating the transformant ~~of claim 29~~ in which an expression vector comprising a polynucleotide encoding a mutant lipase protein represented by SEQ ID. No. 10 is introduced.

33. (Previously amended) The method as set forth in any of claims 30 – 32, wherein the culture temperature is 2°C - 20°C lower than temperature of host cell culture.

34. (Previously presented) The method as set forth in any of claims 30 - 32, wherein the culture temperature is 25°C - 35°C and the transformant is *Hansenula*.

35. (Previously presented) The method as set forth in any of claims 30 - 32, wherein the culture temperature is 20°C - 28°C and the transformant is *Saccharomyces*.